### (19) World Intellectual Property Organization

International Bureau



# 

#### (43) International Publication Date 26 May 2005 (26.05.2005)

**PCT** 

#### (10) International Publication Number WO 2005/047808 A1

(51) International Patent Classification7: 5/20, 1/10, 7/04

F41J 5/26,

(21) International Application Number:

PCT/GB2004/004690

(22) International Filing Date:

5 November 2004 (05.11.2004)

(25) Filing Language:

**English** 

(26) Publication Language:

English

(30) Priority Data:

0326200.3

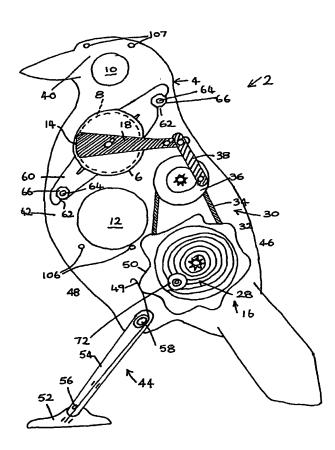
10 November 2003 (10.11.2003) GB

- (71) Applicants and
- (72) Inventors: TIERNEY, Noel [GB/GB]; 84 Hope Street, Dukinfield SK16 4EB (GB). CROPPER, John [GB/GB]; 64 Alan Avenue, Failsworth, Manchester M35 0PT (GB).

- (74) Agent: JONES, Graham, Henry; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: TARGET APPARATUS



(57) Abstract: Target apparatus (2) comprising a target profile (4), a container (6) for containing a plurality of targets (8), a first receiving station (10) in the target profile (4) and for receiving the targets (8) from the container (6), a second receiving station (12) in the target profile (4) and for receiving the targets (8) from the container (6), feed means (14) for feeding the targets (8) one at a time from the container (6) to the first and second receiving stations (10, 12), and drive means (16) for causing the automatic operation of the feed means (14) each time a target (8) is hit and destroyed.

## WO 2005/047808 A1



FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

#### Published:

with international search report

 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.